

Security Products
PRODUCTS INFORMATION

VERSION: 12.0.8.1

DVR Network Software

» Software Advantage

» Quick Setup Wizard

Use of the quick setup page allows the user to set the DVR to use the most important parameters, such as time, network, video parameters, even if the customers are not familiar with the DVR and can operate the DVR easily and quickly.



» Support multi-browser

*Note:
Except the Internet Explorer, other browsers have to note as below:
1. Safari supports multi-channel preview at the same time, Firefox, Chrome only support 1 channel preview currently.
2. The function only for remote surveillance and PTZ control currently.
3. The computer will need to install QUICKTIME player.
4. Make sure the network service RTSP service is enabled

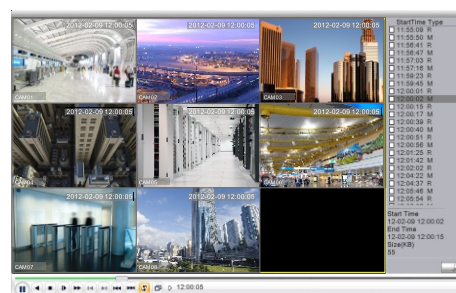


» Mobile Phone Remote Monitoring



» 8 Channel D1 Real-time Playback

The DVR support with 8 channel D1 playback (for D44 and D55 series model) with real-time.

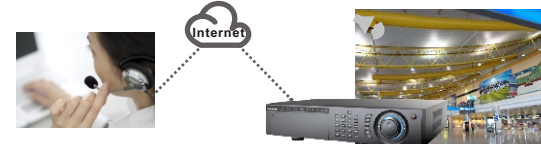


» Hardware Advantage

» Optional Extra Function for some models

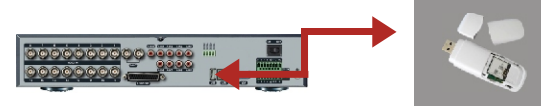
Talk Back

The audio talk back function is through the monitoring control center and DVR, and using the IE or CMS to enable the audio talk back function.



» Scalable 3G Module

Supported by USB interface to extend the 3G capabilities, and support many of the 3G standards, including: WCDMA, CDMA2000, TD-CDMA, etc.



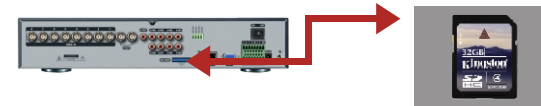
» Scalable Wi-Fi Module

To extend the WIFI function supported by USB interface, support WIFI chip Model: RT2571 RT3070



» Scalable SD Card Module (3 Model Available)

Support SD Card Slot with Kingston SD Card with 32G Maximum



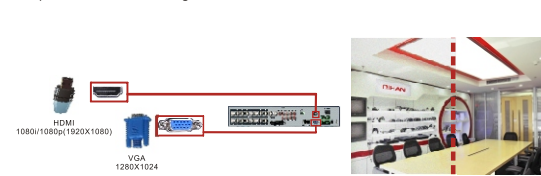
» Scalable Loop output

Connect the video signal input from the DVR and video signal out to the needs of the video signal monitor.



» High definition (1080P) HDMI

Selected models come complete with HDMI output able to upscale image to 1080p (1920*1080) alongside VGA and BNC outputs to take advantage of the latest monitor formats.



DVR

QH-D1104A/D1108A



4/8 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, RS485, VGA, SATA2, 6*2 (2*HDD 2TB)
2*USB2.0, USB Disk up to 32G, Removable DVD-RW
RS485, VGA, SATA 2, 6*1 (1*HDD 2TB)
2*USB2.0, USB Disk up to 32G, Removable DVD-RW



QH-D2204A-S/D2208A-S/D3216A-S



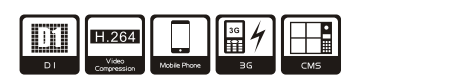
4/8/16 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, Loop Out (Optional), RS485, VGA, SATA2, 6*2 (2*HDD 2TB)
2*USB2.0, USB Disk up to 32G, DVD+RW (Optional)
2*USB2.0, USB Disk up to 32G, Removable DVD-RW, Blackberry, iPhone
High Definition HDMI 1080P Optional



QH-D4408A/D4416A



8/16 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, Loop Out (Optional), RS485, VGA, SATA2, 6*4 (4*HDD 2TB)
2*USB2.0, USB Disk up to 32G, DVD+RW (Optional)
3G Device Win Mobiles, S60, Symbian, Android, Blackberry, iPhone
High VGA output, HDMI 1080P Optional



QH-D2104A-A/D2108A-A/D2116A



4/8/16 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, RS485, VGA, SATA2, 6*2 (2*HDD 2TB)
2*USB2.0, USB Disk up to 32G, Removable DVD-RW
4CH Alarm in 1CH Alarm out, 4CH Alarm in 1CH Audio out (Optional)



QH-D2104B/D2108B/D2116B



4/8/16 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, RS485, VGA, SATA2, 6*2 (2*HDD 2TB)
2*USB2.0, USB Disk up to 32G, Removable DVD-RW
4CH Alarm in 1CH Alarm out, 4CH Alarm in 1CH Audio out (Optional)



QH-D5508A/D5516A



8/16 Channel Standalone DVR
Linux Operation system, H.264 Compression/AVI
Record Resolution Support D1/HD1/CIF Resolution
Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
Talk Back, Loop Out (Optional), RS485, VGA, SATA2, 6*8 (8*HDD 2TB)
2*USB2.0, USB Disk up to 32G, DVD+RW (Optional)
3G Device Win Mobiles, S60, Symbian, Android, Blackberry, iPhone
High VGA output, HDMI 1080P Optional



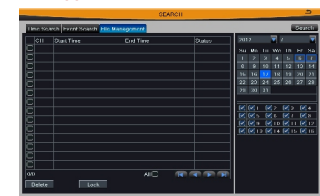
Professional DVR & NVR

» Main Features

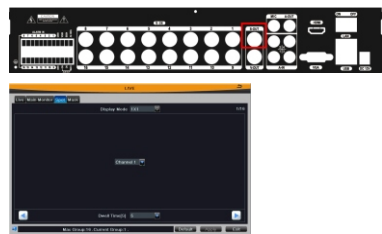
» Live view channels can be freely dragged



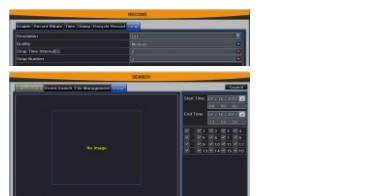
» Supports to delete and lock the record file one by one manually.



» Supports SPOT output



» Supports snapshot and image retrieval



» Professional DVR

QH-D2104A PRO/D2108A PRO



4/8 CH standalone DVR
Linux operation system, H.264 compression/AVI
Record resolution supports D1/HD1/CIF
Remote access by Internet explorer, Google chrome, Mozilla firefox, Mac safari, CMS
Supports talk back; support mobile phone remote control with Iphone and Android system
VGA output and BNC output at the same time, HDMI optional
Support 3G External Module with WCDMA Signal and WIFI External Module
SATA2, 6*2 (MAX 2TB Per HDD)

» Professional DVR

QH-D1104C PRO/D1108C PRO



4/8 CH standalone DVR
Linux operation system, H.264 compression/AVI
Record resolution supports D1/HD1/CIF
Remote access by Internet explorer, Google chrome, Mozilla firefox, Mac safari, CMS
Supports talk back; support mobile phone remote control with Iphone and Android system
VGA output and BNC output at the same time, HDMI optional
Support 3G External Module with WCDMA Signal and WIFI External Module
SATA2, 6*1 (MAX 2TB)

» Professional DVR

QH-D3108A-H/D3116A-H



8/16CH standalone DVR
Linux operation system, H.264 compression/AVI
Record resolution supports D1/HD1/CIF
Remote access by Internet explorer, Google chrome, Mozilla firefox, Mac safari, CMS
Supports talk back; support mobile phone remote control with Iphone and Android system
VGA output and BNC output at the same time, HDMI 1080P
Support 3G External Module with WCDMA Signal and WIFI External Module
SATA2, 6*2 (MAX 2TB Per HDD)

» NVR

QH-N1104C-7 PRO



4CH Network Video Recorder
Linux operation system, H.264 compression/AVI
Recording Effective Resolution with 1280*720, HDMI optional
RS485 support 2 PTZ & QIHAN Keyboard Control
Support 3G External Module with WCDMA Signal and WIFI External Module
Supports talk back; support mobile phone remote control with Iphone and Android system

PTZ

QH-NP6061F/NP6071F



Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 8-bit DIP and 32-bit software address
32-bit ARM processor CPU, User management protection
Temperature alarm, temperature alarm set off and temperature display
8 mission planning and 8 Editable vector path
Real-time display position coordinates and display date, time
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible block zoom with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish)
Operating Temperature with -40°C~60°C
Heating device active with 6°C, off with 14°C (3 roller fans, 2 heaters)



QH-NP6121FA/NP6131FA
Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 8-bit DIP and 32-bit software address
32-bit ARM processor CPU, User management protection
Temperature alarm, temperature alarm set off and temperature display
8 mission planning and 8 Editable vector path
Real-time display position coordinates and display date, time
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible block zoom with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish)
Operating Temperature with -40°C~60°C
Heating device active with 6°C, off with 14°C (3 roller fans, 2 heaters) and with alarm function



QH-NP4042/NP4052
Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 32-bit software address
32-bit ARM processor CPU, User management protection
8 mission planning and 8 Editable vector path
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Compatibility with all Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish) and default with two languages selected by customers.



QH-NP4082F/NP4092F
Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 32-bit software address
32-bit ARM processor CPU, User management protection
8 mission planning and 8 Editable vector path
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Compatibility with all Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish) and default with two languages selected by customers.
Operating Temperature: with -40°C~60°C
Heating device active with 6°C, off with 14°C



QH-NP7174
Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 32-bit software address
32-bit ARM processor CPU, User management protection
8 mission planning and 8 Editable vector path
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Compatibility with all Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish) and default with two languages selected by customers.
Operating Temperature: with -40°C~60°C
Heating device active with 6°C, off with 14°C



QH-NP4163
Indoor/Outdoor Intelligent High Speed Dome
Support 255 presets, 32-bit software address
32-bit ARM processor CPU, User management protection
8 mission planning and 8 Editable vector path
6 pattern (horizontal/vertical/zoom, and each can record up to 120 seconds)
Compatibility with all Protocol: PELCO-D, PELCO-P, ULTRACK, VICON, DYNACOLOR
Compatible with Sony, Hitachi, CNB, Sanyo, Yoko, LG, Samsung
Optional multi-language (English, Chinese, German, French, Russian, Italian, Spanish) and default with two languages selected by customers.
Operating Temperature: with -40°C~60°C
Heating device active with 6°C, off with 14°C

QIHAN

Security Products

2012 NEW PRODUCT LEAFLET

The Best Security Solution, QIHAN's Technology!
We protect your Family, Wealth and Business.



Creation for Safe Life

QIHAN
Creation for Safe Life

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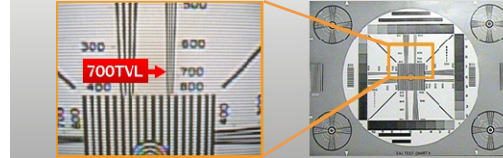
New Revolution of High Definition Color Image

Enhanced Features and Fine Image Processor

- 1/3" Sony Effio-E 960H Exview CCD 700TVL
- DSP:SONY CCD 673 + SONY DSP 4140 GG
- OSD with ATR,2D-DNR,4 Privacy Masks,HLC,
- Motion Detection

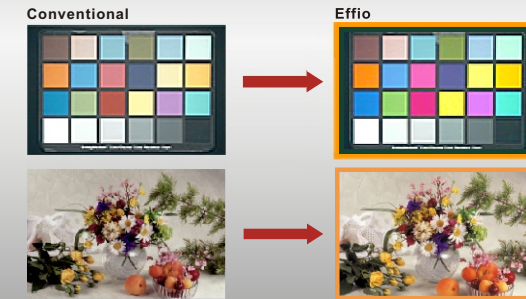
High Resolution

- Higher horizontal resolution of over 650TVL by 960H CCD image sensor
- 700TVL for Black and White Image



High Color Reproduction

- More excellent color reproduction
- Wide range ATW [1800K to 10500K]



QH-W251SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 42EA
- IR Distance 30-40 Meters
- Mini. Illumination 0Lux (IR-ON)
- 2.8-12mm Manual Varifocal Lens
- Wall-mount bracket
- Waterproof Standard IP67
- Optional Color White



QH-W256SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 24EA
- IR Distance 20-30 Meters
- Mini. Illumination 0Lux (IR-ON)
- 2.8-12mm Manual Varifocal Lens
- Wall-mount bracket
- Waterproof Standard IP67
- Optional Color White



QH-B241SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Mini. Illumination Color 0.06Lux, B/W 0.008lux
- C/CS Lens Mount
- Power 200mA/DC12V (350mA/DC12V AC24V/6W)
- Silver case



QH-B241SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Mini. Illumination Color 0.06Lux, B/W 0.008lux
- C/CS Lens Mount
- Power 200mA/DC12V (350mA/DC12V AC24V/6W)
- White case



QH-V331SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 24EA
- IR Distance 20-30 Meters
- Mini. Illumination 0Lux (IR-ON)
- 2.8-12mm Manual Varifocal Lens
- Ceiling-mount bracket
- Waterproof Standard IP67
- Optional Color White



QH-V332SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 24EA
- IR Distance 20-30 Meters
- Mini. Illumination 0Lux (IR-ON)
- 2.8-12mm Manual Varifocal Lens
- Embed Ceiling-mount bracket
- Waterproof Standard IP67
- Optional Color White



QH-V233SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 24EA
- IR Distance 20-30 Meters
- Mini. Illumination 0Lux (IR-ON)
- 4-9mm Manual Varifocal Lens
- Ceiling-mount bracket
- Waterproof Standard IP67
- Optional Color White



QH-D261SNH-4

- 1/3" Sony Exview HAD CCD II
- Resolution 700TVL
- Infrared LED 1" IR LED Array
- IR Distance 10-20 Meters
- Mini. Illumination 0Lux (IR-ON)
- 2.8/3.6/6mm MTV Fixed Lens
- Ceiling-mount bracket
- Waterproof Standard IP67
- Optional Color White

IP66-rated Waterproof And Vandalproof Casing Strong Enough To Handle Any Impact And Raining Environment



Piano Camera Series

Pixim/Sharp/Sony Chipset optional with 650/700TVL
Pixim Seawolf D8800C with WDR 120dB, D/N Selection, WDR control
Sony/Sharp with RJ10, function with Smart LED, D-WDR, Mirror, Sharpness, HLC, LSC(Lens Shading Compensation), 11 Languages, DPC(Defect Pixel Compensation)
4 Areas Motion detection, 8 Areas Privacy Masking, 512times Sens-up
Infrared LED optional with 17EA LED 20 Meters IR Distance
4-9mm/2.8-1.2mm Manual VF Lens / 4-9mm/2.8-1.2mm DC ICR Lens optional
IP66-rated waterproof and vandalproof casing, DC12V/AC24V 260mA
OEM Color with Silver, White and Black optional



QH-V331

- Pixim/Sharp/Sony Chipset optional with 650/700TVL
- Pixim Seawolf D8800C with WDR 120dB, D/N Selection, WDR control
- Sony/Sharp with RJ10, function with Smart LED, D-WDR, Mirror, Sharpness, HLC, LSC(Lens Shading Compensation), 11 Languages, DPC(Defect Pixel Compensation)
- 4 Areas Motion detection, 8 Areas Privacy Masking, 512times Sens-up
- Infrared LED with 17EA LED 20 Meters IR Distance
- 4-9mm/2.8-1.2mm Manual VF Lens / 4-9mm/2.8-1.2mm DC ICR Lens optional
- IP66-rated waterproof and vandalproof casing, DC12V/AC24V 260mA
- OEM Color with Silver, White and Black optional



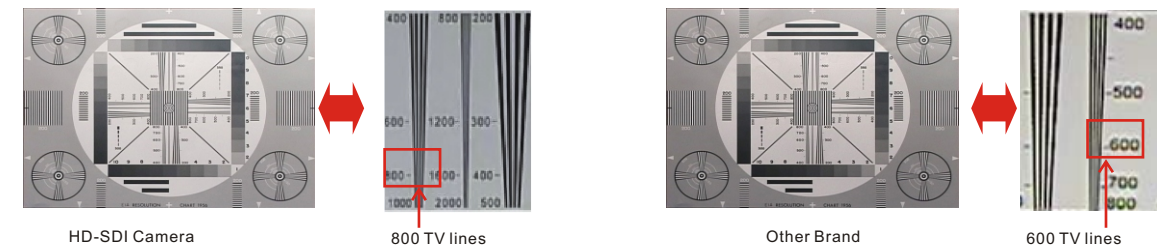
QH-V332

- Pixim/Sharp/Sony Chipset optional with 650/700TVL
- Pixim Seawolf D8800C with WDR 120dB, D/N Selection, WDR control
- Sony/Sharp with RJ10, function with Smart LED, D-WDR, Mirror, Sharpness, HLC, LSC(Lens Shading Compensation), 11 Languages, DPC(Defect Pixel Compensation)
- 4 Areas Motion detection, 8 Areas Privacy Masking, 512times Sens-up
- Infrared LED with 17EA LED 20 Meters IR Distance
- 4-9mm/2.8-1.2mm Manual VF Lens / 4-9mm/2.8-1.2mm DC ICR Lens optional
- IP66-rated waterproof and vandalproof casing, DC12V/AC24V 260mA
- OEM Color with Silver, White and Black optional

HD-SDI CAMERA

Resolution-720P

It produces clear picture quality by supporting the better resolution than other 2.0M HD-SDI camera.



White Balance

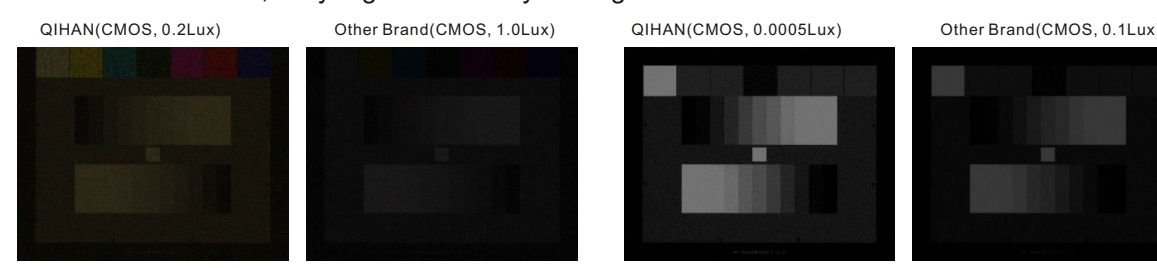
QIHAN HD-SDI camera has good white balance performance than other companies'.



Test environment : 5 Lux Color mode - F1.4, 3100K

High Sensitivity at Low light condition

B/W(0.0005Lux), Color(0.2Lux) when 50IRE, 3100K, DSS off
When B/W mode, very high-sensitivity through TDN function.

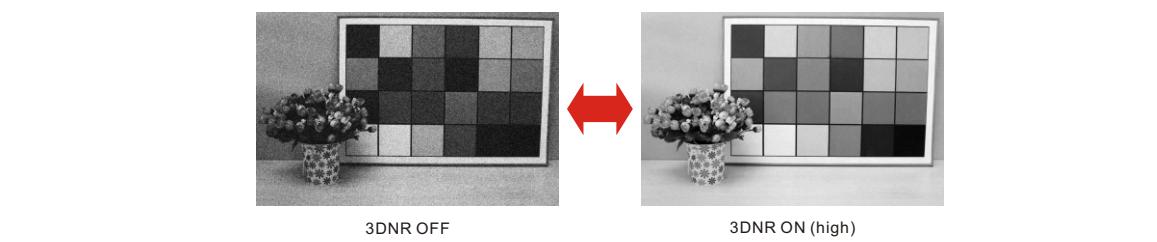


Test environment : 0.08 Lux color mode - F1.2, Fluorescent

Test environment : 0.005 Lux Color mode - F1.2, Fluorescent

3DNR-3D Noise Reduction

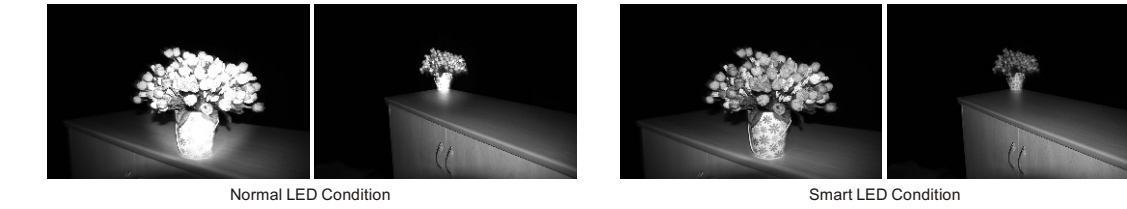
With 3D Noise Reduction(3DNR) embedded, it produces extremely clear picture quality even under low light condition.



HD-SDI CAMERA

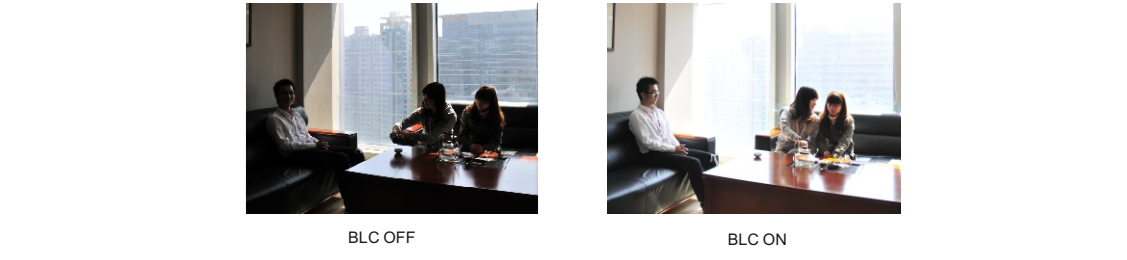
Smart Exposure at IR-LED

It produces clear picture quality by adjusting the exposure based on area selected in the picture.



BLC - Back Light Compensation

In CCTV applications it is common to have a bright light source behind the subject of interest. A person at an ATM or entering through an outside door are common examples. Without compensation, these subjects would normally appear as dark silhouettes.



TDN - True Day & Night

It produces clear picture quality by removing a physical Infrared filter that is removed when night mode, is used when day mode.



QH-SB341 PRO

- 1/2.8" 1.0 Megapixel CMOS image sensor
- High-performance Build in 3A (AWB, AF, AE)
- Full HD 720P(1280*720) HD-SDI video out with 25/30fps
- Standard HD-SDI high definition digital interface (SMPT274/292)
- Support ICR true Day/Night
- Support Dual Power AC24V/DC12V
- Support OSD menu

QH-SW351 PRO

- 1/2.8" 1.0 Megapixel CMOS image sensor
- High-performance Build in 3A (AWB, AF, AE)
- Full HD 720P(1280*720) HD-SDI video out with 25/30fps
- Standard HD-SDI high definition digital interface (SMPT274/292)
- Support ICR true Day/Night
- Support Dual Power AC24V/DC12V
- Support OSD menu

QH-SV331 PRO

- 1/2.8" 1.0 Megapixel CMOS image sensor
- High-performance Build in 3A (AWB, AF, AE)
- Full HD 720P(1280*720) HD-SDI video out with 25/30fps
- Standard HD-SDI high definition digital interface (SMPT274/292)
- Support ICR true Day/Night
- Support Dual Power AC24V/DC12V
- Support OSD menu

IP Network Products

ONVIF IP/Network Products Network Video Cameras

Feature

- H.264 Main Profile@Level 3.0, MPEG-4, M-JPEG, JPEG video encoding compression
- High-performance Build in 3A (AWB, AF, AE)
- Support 3.0 Mega Pixel 2048*1536, Support 45 FPS @ 1280*720, 30 FPS @ 1920*1080 resolution real-time encoding
- Can support 10 viewer to access concurrently
- Support triple encoding streams
- Support bi-directional and broadcasting real time audio transmission
- Support network self-adapting technology to adjust video frame rate automatically according to the network bandwidth
- Support privacy protection mode, video loss detection, motion detection and sensor alarm functions
- Auto-retrieve function and auto-connection network



QH-NW351 PRO

- 4-9mm/2.8-12mm Manual Varifocal Lens, Support Color/BW mode converting, IR-CUT Filter
- 42 IR LED lights, IR working distance: 30-40m



QH-NW356 PRO

- 2.8/3.6/6 mm Fixed Lens, Support Color/BW mode converting, IR-CUT Filter
- 42 IR LED lights, IR working distance: 20-30m



QH-NV333 PRO

- 4-9mm Manual Varifocal Lens, Support Color/BW mode converting, IR-CUT Filter
- 24 IR LED lights, IR working distance: 20-30m



QH-ND361 PRO

- 2.8/3.6/6 mm Fixed Lens, Support Color/BW mode converting, IR-CUT Filter
- 1 Pcs of IR ARRAY LED lights, IR working distance: 10-20m



QH-NB341 PRO

- Support 5.0 Mega Pixel: 2560X1920, 45 FPS @ 1280*720, 30 FPS @ 1920*1080 resolution real-time encoding



QH-NM311 PRO

- 2.8/3.6 mm Fixed Lens, Support Color/BW mode converting, IR-CUT Filter
- PIR Detection Support
- 12 Pcs of IR LED lights, IR working distance: 5-10m

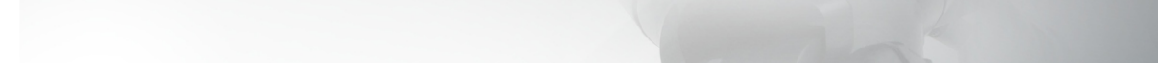
IP Network Products

INFRARED PAN-TILT IP CAMERA Beyond Your Imagination..

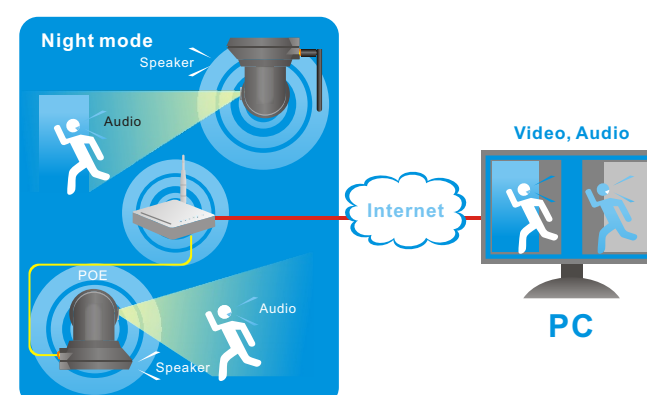
QH-ND103AN1-WISM

Feature

- Indoor infrared PT robot wireless IP camera
- H.264 video compression format, enhances 2.2 times of image quality and reduces 40% network bandwidth
- Dual encoding streams: VGA, QVGA, CIF, QCIF selectable
- Two way audio with audio jack
- Support iPhone, Blackberry, Android, Symbian, Windows Mobile
- Motion detection alert via email or upload image to FTP
- 1 channel alarm input and 1 channel alarm output
- P/T DNS for Horizontal angle 270°; Vertical angle 90°
- Free DDNS for Remote viewing, TF card
- Support UPNP, RTSP protocol, image snapshot
- Support VLC, Quick time player, WIFI:802.11b/g
- Support IE, Safari, Firefox, Google chrome



SYSTEM CONNECTION



SUPPORT MULTI-BROWSER

- Internet Explorer
- Mac Safari
- Google Chrome
- Mozilla Firefox

MOBILE PHONE REMOTE MONITORING

- iOS
- Android
- Symbian
- Windows Mobile